

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership | Publications/Services | Standards | Conferences | Careers/Jobs

IEEE Xplore®
DIGITAL LIBRARYWelcome
United States Patent and Trademark
OfficeIEEE Xplore®
1 Million Documents
1 Million UsersHelp | FAQ | Terms | IEEE Peer
Review

Quick Links

» Search Results

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Types of Documents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Sort by

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Learning Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Journals

- ☐ Access the IEEE Engineering File Cabinet

Print Format

Your search matched **10** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

idct <and> mpeg2

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Pel reconstruction on FPGA-augmented TriMedia**

Sima, M.; Cotofana, S.D.; Vassiliadis, S.; van Eijndhoven, J.T.J.; Vissers, K.A.;
Very Large Scale Integration (VLSI) Systems, IEEE Transactions on , Volume: 12, Issue: 6, June 2004
Pages:622 - 635

[Abstract] [PDF Full-Text (816 KB)] IEEE JNL

2 A low-power IDCT macrocell for MPEG2 MP@ML exploiting data distribution properties for minimal activity

Xanthopoulos, T.; Chandrakasan, A.;
VLSI Circuits, 1998. Digest of Technical Papers. 1998 Symposium on , 11-13 June 1998
Pages:38 - 39

[Abstract] [PDF Full-Text (276 KB)] IEEE CNF

3 Video DSP architecture for MPEG2 codec

Araki, T.; Toyokura, M.; Akiyama, T.; Takeno, H.; Wilson, B.; Aono, K.;
Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE International Conference on , Volume: ii, 19-22 April 1994
Pages:II/417 - II/420 vol.2

[Abstract] [PDF Full-Text (288 KB)] IEEE CNF

4 New MPEG2 decoder architecture using frequency scaling

Jeong-Min Kim; Soo-Ik Chae;
Circuits and Systems, 1996. ISCAS '96., 'Connecting the World', 1996 IEEE International Symposium on , Volume: 4, 12-15 May 1996
Pages:253 - 256 vol.4

[Abstract] [PDF Full-Text (368 KB)] IEEE CNF

5 Design of inverse DCT unit and motion compensator for MPEG2 HDTV decoding

Onoye, T.; Morimoto, Y.; Masaki, T.; Shirakawa, I.;
Circuits and Systems, 1994. APCCAS '94., 1994 IEEE Asia-Pacific Conference on , 5-8 Dec. 1994
Pages:608 - 613

[Abstract] [PDF Full-Text (632 KB)] IEEE CNF

6 Source adaptive software 2D IDCT with SIMD*Winger, L.L.;*

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings.
2000 IEEE International Conference on , Volume: 6 , 5-9 June 2000
Pages:3642 - 3645 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEEE CNF](#)

7 A 2.2 GOPS video DSP with 2-RISC MIMD, 6-PE SIMD architecture for real-time MPEG2 video coding/decoding

Iwata, E.; Seno, K.; Aikawa, M.; Ohki, M.; Yoshikawa, H.; Fukuzawa, Y.; Hanaki, H.; Nishibori, K.; Kondo, Y.; Takamuki, H.; Nagai, T.; Hasegawa, K.; Okuda, H.; Kumata, I.; Soneda, M.; Iwase, S.; Yamazaki, T.;
Solid-State Circuits Conference, 1997. Digest of Technical Papers. 44th
ISSCC., 1997 IEEE International , 6-8 Feb. 1997
Pages:258 - 259, 469

[\[Abstract\]](#) [\[PDF Full-Text \(844 KB\)\]](#) [IEEE CNF](#)

8 High performance IDCT realization using complex arithmetic*Kar-Lik Wong; Topham, N.;*

Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03).
2003 IEEE International Conference on , Volume: 2 , 6-10 April 2003
Pages:II - 313-16 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) [IEEE CNF](#)

9 Fast 2D IDCT implementation with multimedia instructions for a software MPEG2 decoder*Murata, E.; Ikekawa, M.; Kuroda, C.;*

Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of
the 1998 IEEE International Conference on , Volume: 5 , 12-15 May 1998
Pages:3105 - 3108 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEEE CNF](#)

10 Special memory and embedded memory macros in MPEG environment

Otomo, G.; Hara, H.; Oto, T.; Seta, K.; Kitagaki, K.; Ishiwata, S.; Michinaka, S.; Shimazawa, T.; Matsui, M.; Demura, T.; Koyama, M.; Watanabe, Y.; Sano, F.; Chiba, A.; Matsuda, K.; Sakurai, T.;
Custom Integrated Circuits Conference, 1995., Proceedings of the IEEE 1995
, 1-4 May 1995
Pages:139 - 142

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) [IEEE CNF](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [Now this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership | Publications/Services | Standards | Conferences | Careers/Jobs

IEEE Xplore
Full-TextWelcome
United States Patent and Trademark
Office**IEEE Xplore**
1 Million Documents
1 Million Users[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)[» Search Results](#)

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Table of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Membership Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Xplore

- ☐ Access the IEEE Xplore Full-Text

Print Results

Your search matched **3** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

idct <and> subset

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Minimal error drift in frequency scalability for motion-compensated DCT coding***Mokry, R.; Anastassiou, D.;*

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 4 , Issue: 4 , Aug. 1994

Pages:392 - 406, 447-8, 499

[\[Abstract\]](#) [\[PDF Full-Text \(1172 KB\)\]](#) **IEEE JNL****2 SpC: synthesis of pointers in C application of pointer analysis to the behavioral synthesis from C***Semeria, L.; De Micheli, G.;*

Computer-Aided Design, 1998. ICCAD 98. Digest of Technical Papers. 1998 IEEE/ACM International Conference on , 8-12 Nov. 1998

Pages:340 - 346

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) **IEEE CNF****3 A video digital signal processor with a vector-pipeline architecture***Toyokura, M.; Okamoto, K.; Kodama, H.; Ohtani, A.; Araki, T.; Aono, K.;*

Solid-State Circuits Conference, 1992. Digest of Technical Papers. 39th ISSCC, 1992 IEEE International , 19-21 Feb. 1992

Pages:72 - 73, 248

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) **IEEE CNF**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership | Publications/Services | Standards | Conferences | Careers/Jobs

IEEE Xplore®
Version 1.0Welcome
United States Patent and Trademark
OfficeIEEE Xplore®
1 Million Documents
1 Million UsersHelp | FAQ | Terms | IEEE Peer
Review

Quick Links

» Search Results

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Library of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Library of Contents

- ☐ Access the IEEE Xplore Full-Text

Print Format

Your search matched **7** of **1105713** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

idct <and> select

Search

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 From algorithms to hardware architectures: a comparison of regular and irregular structured IDCT algorithms***Schneider, C.; Kayss, M.; Hollstein, T.; Deicke, J.;*

Design, Automation and Test in Europe, 1998., Proceedings, 23-26 Feb. 1998

Pages:186 - 190

[\[Abstract\]](#) [\[PDF Full-Text \(36 KB\)\]](#) **IEEE CNF****2 A mode-changeable 2-D DCT/IDCT processor for digital VCR***Seung-Kwon Paek; Ji-Heup Kim; Byung-Sup Kwon; Dae-Hyun Chung;**Lee-Sup Kim;*

Consumer Electronics, IEEE Transactions on, Volume: 42, Issue: 3, Aug. 1996

Pages:606 - 616

[\[Abstract\]](#) [\[PDF Full-Text \(1024 KB\)\]](#) **IEEE JNL****3 The ManArray™ embedded processor architecture***Pechanek, G.G.; Vassiliadis, S.;*

Euromicro Conference, 2000. Proceedings of the 26th, Volume: 1, 5-7 Sept. 2000

Pages:348 - 355 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(548 KB\)\]](#) **IEEE CNF****4 Distortion/decoding time tradeoffs in software DCT-based image coding***Lengwehasatit, K.; Ortega, A.;*

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on, Volume: 4, 21-24 April 1997

Pages:2725 - 2728 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE CNF****5 An efficient technique for error-free algebraic-integer encoding for high performance implementation of the DCT and IDCT***Minyi Fu; Dimitrov, V.S.; Jullien, G.A.;*

Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on, Volume: 4, 6-9 May 2001

Pages:906 - 909 vol. 4

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) **IEEE CNF**

6 An automatic word length determination method*Cantin, M.-A.; Savaria, Y.; Prodanos, D.; Lavoie, P.;*

Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on , Volume: 5 , 6-9 May 2001

Pages:53 - 56 vol. 5

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE CNF](#)

7 A low-power IDCT macrocell for MPEG2 MP@ML exploiting data distribution properties for minimal activity*Xanthopoulos, T.; Chandrakasan, A.;*

VLSI Circuits, 1998. Digest of Technical Papers. 1998 Symposium on , 11-13 June 1998

Pages:38 - 39

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) [IEEE CNF](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 4354 | (IDCT or (inverse\$1 adj discrete\$1 adj cosine)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:25 |
| L2 | 3655 | 1 and decod\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:26 |
| L3 | 235 | 2 and "708"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:26 |
| L4 | 223 | 708/402.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:46 |
| L5 | 96 | decoder\$1 and 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:47 |
| L6 | 84 | 5 and (select\$3 or switch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:48 |
| L7 | 65 | 1 and 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:48 |
| L8 | 63 | 7 and inverse\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/21 09:48 |
| L9 | 6 | ("5883823").URPN. | USPAT | OR | ON | 2004/12/21 09:57 |
| L10 | 3 | ("5216516" "5576958" "5739873").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/21 09:58 |